

Please delete the abstract at page 40 of the specification and add the following new abstract:

Abstract

A device for spread spectrum communication is provided which enables synchronization at a high-speed even if the carrier frequency and the phase are not known precisely on the receiving end. The device for spread spectrum communication includes a toggle detecting unit and a demodulating unit. The toggle detecting unit detects a candidate of a toggle point existing in a carrier of a received signal, and the demodulating unit demodulates the received signal by multiplying the received signal by a spread code which is shifted according to a shift amount calculated based on the detected candidate.